

REMARKS

It is asserted in the Office Action the Application is directed to the following distinct inventions, as follows:

- I. Claims 1-24, drawn to a method of sequencing a polymer, classified in class 702, subclass 20.
- II. Claims 25-29, drawn to an apparatus for cleaving and detecting monomers, classified in class 356, subclass 213.

In response, Applicants have elected prosecution of group I, claims 1-24. Claims 25-29 have been withdrawn.

In addition, regarding the requested species election in which Applicants were required to elect one group from each of species A and B, namely,

- A) elect a single label/bulky group; e.g. from those recited in claims 5 and 17; and
- B) elect a single detecting device/detector; e.g. from those recited in claims 10, 20-21, and 29,

In response, Applicants elect from species A the group complex organic-inorganic nanoparticles and from species B the group optical device/photodetector. Claims 5, 17, 10, and 20-21 have been amended to reflect this election.

If necessary, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2666 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17, particularly, extension of time fees.

Respectfully submitted,

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By 

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CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this paper is being transmitted online via EFS Web to the Patent and Trademark Office, Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450, on September 13, 2006.


Margaret Rodriguez

September 13, 2006